Work Orde <i>May 7, 2010 10:</i>		70									Page 1
Item ID: Revision ID:	D4039-3			Accept					Setup Sta	ırt	
		Start Qty: 4.00 Req'd Qty: 4.00			Cust Item I Customer:	D:	<i>(</i> .		Sto	op	
Approvals:	Process Plans	:	Date: 16-5-0	7 Tooling: SPC (Y/N):		nte:		Ì	Run Sta Sto		
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revis	ion Nbr					·				
D4039	Α										
Waterjet FLOW CNC Waterjet	t	• Memo Cut blank as	per file D4039-3_BLANK	0.00 0.00				<u>"B</u>	10~5-	J (4
110				0.00							

HAAS 1

HAAS CNC vertical machine #1

Memo

MACHINE AS PER FOLI FA881 AND DWG FOLIO REV: 4 CONTROL OF THE PROPERTY OF T

DEBURR

and 10/05/19

Work Order ID 58470

May 7, 2010 10:23:22 AM



Page 2

Item ID:

D4039-3

Accept



Setup Start

Stop



Revision ID:

Start Date:

Aft Bracket Item Name:

Required Date: 14/05/2010

07/05/2010

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Draw

Reference:

Approvals:

Process Plan:

Date:

Tooling:

0.00

Date:

Run Start



QC:

Date: _____

SPC (Y/N):

Date:

Stop



Sequence ID/ **Work Center ID**

120

QC

Quality Control

Operation Description

QC2- Inspect parts off machine FAI/FAIB

Set Up/ **Run Hours**

Number

Draw Plan Rev. Code Accept Reject Qty

Reject Insp. Number

Stamp

Memo

0.00 only

130

QC

Quality Control

908

Memo

0.00

1.A 10/05/19

Qty

140

HandFinish

Hand Finishing

Chemical Conversion Coat per OSI005 4.1

Memo

10/05/25

Work Order ID 58470

May 7, 2010 10:23:22 AM



Page 3

Item ID:

D4039-3

Accept

Setup Start

Stop



Revision ID:

Item Name: Aft Bracket

Start Date:

07/05/2010 **Required Date:** 14/05/2010

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Draw

Number

Run

Accept

Qty

Start



QC:

Date:____

SPC (Y/N):

Set Up/

0.00

Run Hours

Date:

Draw

Rev.

Plan

Code

Stop

Reject

Qty

Insp.

Stamp

Reject

Number

Sequence ID/ Work Center ID

150

Powdercoat

Powder Coating

Operation Description All 1707

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

5.7Ant=2:15pm 2) \$\frac{10005/25}{1005/25}

Fin : 2:45pm

160

Quality Control

QC3- Inspect Part Finish

Memo

0.00

0.00

H Bl 10-5-25

170

Packaging Packaging

Identify as per dwg & Stock Location:

Memo

0.00

0.00

10~5-27

V	/or	·k	Or	·der	ID	5847	70
V 7	'UI	n	VI	ucı	117	JO4 /	w

May 7, 2010 10:23:22 AM

Required Date: 14/05/2010



Page 4

Item ID:

D4039-3

Accept



Setup Start



Revision ID:

Item Name:

Aft Bracket

07/05/2010

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID: Customer:

Reference:

Start Date:

An	prov	als:

QC:

Process Plan:

Date:

Tooling:

Date:

Run

Start

Stop



Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ **Work Center ID**

180

Description

Operation

QC21- Final Inspection - Work Order Release

Set Up/ **Run Hours**

0.00

Draw Number

Draw Plan Code Rev.

Accept Qty

Reject Reject Number

Insp. Stamp

QC

Quality Control

Memo

0.00

Qty

Picklist Print

May 7, 2010 10:23:27 AM

Work Order ID: 58470

Parent Item:

D4039-3

Aft Bracket Parent Item Name:

Comments: Ipp Rev:A New Issue 09-12-15 JLM Verified By:EC

Start Date: 07/05/2010

Required Date: 14/05/2010

Page 1

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
M6061T6B1.000X15.00 0		Purchased	No			100	f	78.5000	3	12.		

DOZDA NE DIN BENGE BIKE NEKEKE NE BINEK KERI KOB NEKE BENG BENG BENG KABADI KERI KERI BIKA KERI BENG BENG BENG

6061-T6 Bar 1.00 x 15.00

B10-5-1

Location		Loc Qty	Loc Code
MAT		72	
	114562	72	
MAT07		6.5	
	9544	6.5	

114562

DART AEROSPACE LTD	Work Order:	58476
Description: FWD BRACKET	Part Number:	D4039-3
Inspection Dwg: N 439 Rev: A		Page 1 of 1

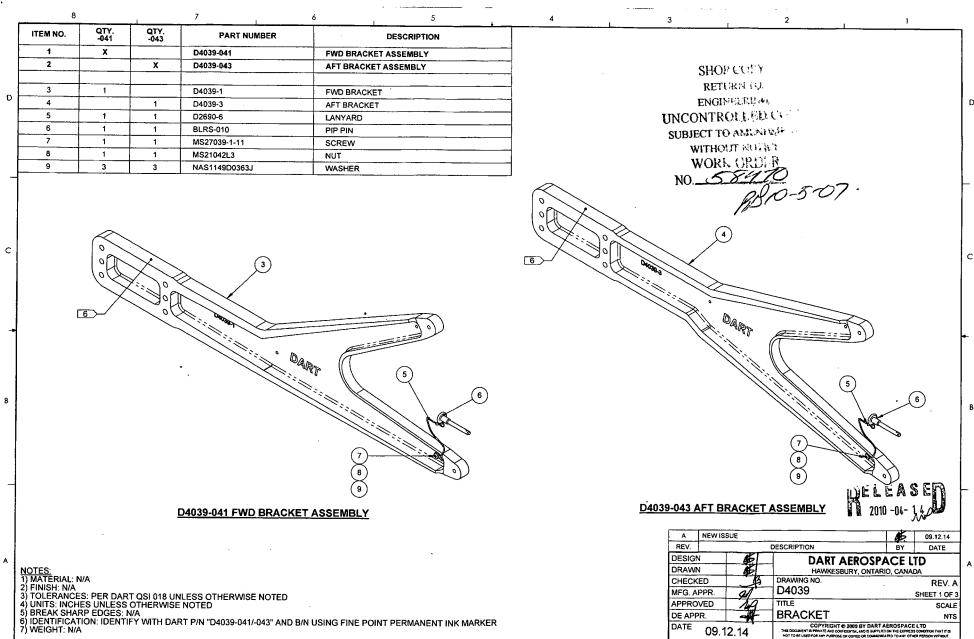
FIRST ARTICLE INSPECTION CHECKLIST

X	First Artic	le	Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.00	±.03b	1.018	1/2			
33.80	±.030	33.80				
.730	+ 010	.740				
R. 50	I-030	R.500		1		
2.250	± 010	2.250				
-857	±.010	-858				
,873	=-010	-875				
6.000	±-010	6.001				
.200	±.010	.202				
8.261	+ .006	8.267				
.561	±.010	· 57eD				
Ø 203	+.005	1205				
D.391	+.006	Ø.395	-			
1.00	±-030	1.000	/			
R.13	±.030	R.125	/			
4.00	±.030	4.000				
. 19	±.030	-205				
.575	±.080	575				
3.73	±-030	3,734	_			

Measured by:	me	Audited by:	A.A	Prototype Approval:	N/A
Date:	10/05/19	Date:	10105/19	Date:	N/A
Pay Data	Channe			Povised by	Approve

Rev [Date	Change	•	Revised by	Approved
Α		New Issue		KJ/JLM	



5

2

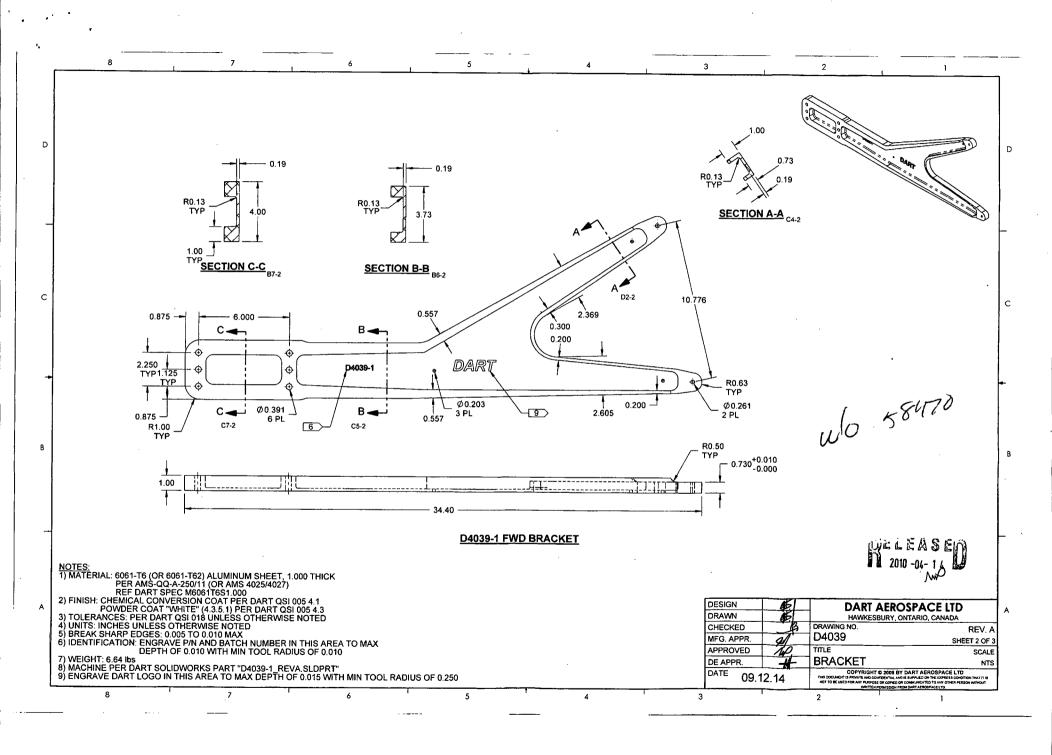
DE APPR

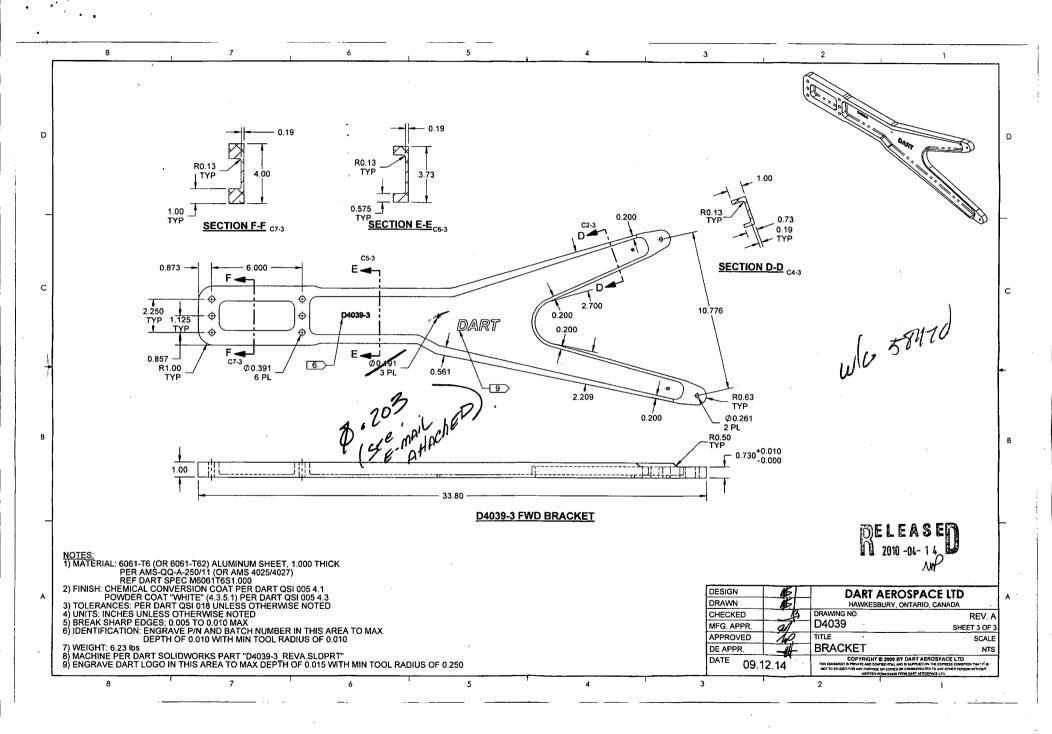
3

09.12.14

BRACKET

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Jean-Luc Menard

From: Harvey Siemens [hsiemens@dartaero.com]

Sent: April 28, 2010 11:27 AM

To: 'Jean-Luc Menard'; 'Mike Petsche'

Cc: 'Marc Bellavance'
Subject: RE: D4039 Rev. PB1

Thank you all for your quick reply. The rest of the paperwork will be coming your way shortly.

JL

I think that the hole that I dimensioned at 0.191 was the only hole in the model that was that size. Weird since the model is based on the "other" Y brackets.

Regards,

Hanrey Siemens

Mechanical Designer DART Aerospace Ltd.

P: 403-717-0328 F: 403-717-1288

E: hsiemens@dartaero.com

W: www.dartaero.com

M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

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From: Jean-Luc Menard [mailto:jmenard@dartaero.com]

Sent: Wednesday, April 28, 2010 9:17 AM **To:** 'Harvey Siemens'; 'Mike Petsche'

Cc: 'Marc Bellavance'

Subject: RE: D4039 Rev. PB1

Looks good,I don't know what happened, the original parts made in December were both drilled at .203"?????

As long as its fixed,

Thx JLM

From: Harvey Siemens [mailto:hsiemens@dartaero.com]

Sent: April 28, 2010 11:11 AM

To: Mike Petsche

Cc: 'Marc Bellavance'; Jean-Luc Menard

Subject: D4039 Rev. PB1

Hey guys,

Talked with JL this morning and he raised an inconsistency between the D4039-1 and the -3 regarding the hole

sizes. This discrepancy has been corrected. Since you were the original reviewers, I am forwarding the prelim drawing to you. Thank you for your time in going over the attached drawing. Let me know if there are any other details that need to be changed or adjusted.

If everybody is good with it (let me know) I'll revise the MDL and issue an ECN. David will approve shortly after that and you'll have an updated drawing.

JL

Thought about Section A-A and D-D and the 0.73 dimension that is shown there vs the 0.730 +0.010/-0.000 dimension shown in zone B3. The B3 dimension is for the lug at the end while the section view dimension is just for that shorter leg of the beam. I think the way we have it dimensioned is correct. We want to maintain a tight tolerance on the lug but the shorter leg portion is not so critical. Let me know if that explanation doesn't make sense.

Regards,

Harvey Siemens Mechanical Designer DART Aerospace Ltd.

P: 403-717-0328 F: 403-717-1288

E: hsiemens@dartaero.com

W: www.dartaero.com

M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

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